Federal Aviation
Administration

AIR TRAFFIC ORGANIZATION

ATO-T TERMINAL SURVEILLANCE AND TERMINAL WEATHER GROUPS

CONFIGURATION CONTROL BOARD

CHARTER

In SUPPORT of

LIFE-CYCLE MANAGEMENT

of the

NATIONAL AIRSPACE SYSTEM

June 22, 2007

Submitted by _____
Director, Terminal Program Operations

Approved by _____ 6/22/07
NAS CCB Co-Chairperson

Approved by _____ 6/22/07
NAS CCB Co-Chairperson

CCB Signature Page

Acting Director, Terminal Program Operations – AJT-1 (Malcolm Andrews)	3/13/07 Date
Director, Terminal Safety and Operations Support – AJT-2 (Raul Trevino)	4/3/07 Date
Director, Terminal Planning – AJT-3 (Deborah Johnson)	3/13/07 Date
Acting Director, Western Area Terminal Operations – AJT (Teri Bristol)	3/12/07 Date
Director, Central Area Terminal Operations – AJT (Nancy B. Kort)	2-28-07 Date
Director, Eastern Area Terminal Operations – AJT (John Mc Cartney)	2/6/07 Date
Director, Safety Management System/Safety Risk Management – AJS (Huan Nguyen)	2/27/07 Date
Director, FAA Logistics Center – AML-1 (Steven Bernett)	FEB 6 2007 Date
Director, Technical Operations ATC Facilities – AJW (Mary Golia)	3/9/07 Date
Manager, Western Service Center – AJO2-W (Mark Reeves)	3-8-07 Date
Manager, Central Service Center – AJO2-C (Gus Nezer)	2/9/07 Date
Manager, Eastern Service Center – AJO2-E (Felix Enriquez)	3/13/07 Date
Manager, Terminal Surveillance – AJT (Malcolm Andrews)	22 Jan 07 Date
Manager, Program Management & Integration – AJT (Michael Bateman)	1/18/2007 Date
Manager, Terminal Weather – AJT (Jacqueline Hill)	1/17/07 Date
Manager, Technical Safety & Operations – AJW (James Pritchard)	1-24-2007 Date

Scott P. Simcox
Department of Defense (DoD) Liaison – (Lt. Col. Scott Simcox)

12 March 2007
Date

John Horrocks
Manager, NAS Requirements and Interface Management – AJP (John Horrocks)

2/1/07
Date

Revision History

Date	Revision	Change Description
6/22/07	-	Initial baseline

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Air Traffic Organization
ATO-T Terminal Surveillance and Terminal Weather Groups
Configuration Control Board
Charter
in Support of
Life-Cycle Management
of the
National Airspace System (NAS)

1. INTRODUCTION

1.1 Purpose

This charter establishes the Air Traffic Organization's, Terminal Services (ATO-T) Terminal Surveillance and Terminal Weather Groups, Configuration Control Board (CCB) and assigns responsibility for establishing baselines and controlling changes to these baselines for the Configuration Items (CIs) within the Terminal Surveillance and Terminal Weather Groups domain as identified in Appendix A of this document. The Terminal Surveillance and Terminal Weather Groups CCB will operate in an integrated and disciplined manner to provide a structured and streamlined control process for managing the assigned products and services within the terminal domain throughout their intended life cycle. Life cycle configuration management through the CCB ensures that all changes are visible, that any potential safety, security, and operational impacts to the NAS are properly addressed, and provides consistency with technical and programmatic direction across all products and services. Approval of this CCB charter empowers the Terminal Surveillance and Terminal Weather Groups CCB to disposition all changes to these CIs in accordance with FAA Order 1800.66, Configuration Management Policy, and all applicable notices that supplement the processes contained in Order 1800.66. Organizations that control CIs external to Terminal Surveillance and Terminal Weather Groups CCB, yet which impact Terminal Surveillance and Terminal Weather Groups CCB CIs, will coordinate their Configuration Management (CM) activities with the Terminal Surveillance and Terminal Weather Groups CM organization. This includes coordination of all user interface requirements and unique computer human interface (CHI) characteristics that impact Surveillance and Terminal Weather Groups CIs. A companion document, the ATO-T Terminal Surveillance and Terminal Weather Groups CCB Operating Procedures will be developed to define the processes and procedures used to execute the responsibilities assigned in this Charter and will be approved by the ATO-T Terminal Surveillance and Terminal Weather Groups CCB once established.

1.2 Authority

The ATO-T Terminal Surveillance and Terminal Weather Groups CCB is authorized by the National Airspace System (NAS) CCB in accordance with FAA Order 1800.66. The ATO-T Terminal Surveillance and Terminal Weather Groups CCB shall add newly assigned CIs to the CCB charter as designated by the NAS CCB and remove those CIs that are no longer in service within the NAS. This authority does not extend to the creation of lower level, subordinate CCBs, which is reserved only to the NAS CCB. Interface control documents (ICDs) involving ATO-T Terminal Surveillance and Terminal Weather Groups CIs shall be adjudicated by the ATO-T Terminal Surveillance and Terminal Weather Groups CCB only if baselined IRDs exist. Interface requirements documents (IRDs) and exchange of data elements shall be submitted to the NAS CCB for adjudication. Additionally, the ATO-T Terminal Surveillance and Terminal Weather Groups CCB chairperson(s) have the authority to delegate specific configuration control authority to other members within the CCB. This delegated authority will be documented in the ATO-T Terminal Surveillance and Terminal Weather Groups CCB Operating Procedures.

This charter can only be changed upon the recommendation of the ATO-T Terminal Surveillance and Terminal Weather Groups CCB and approved by the NAS CCB.

2. ATO-T TERMINAL SURVEILLANCE AND TERMINAL WEATHER GROUPS CCB RESPONSIBILITIES

The responsibilities of the ATO-T Terminal Surveillance and Terminal Weather Groups CCB are:

a) Performing CCB functions as established in this charter in accordance with FAA Order 1800.66 and all applicable notices that supplement the processes contained in Order 1800.66;

b) Submitting proposed changes to this Charter to the NAS CCB, and subsequently implementing the approved changes;

c) Maintaining and approving proposed changes to the ATO-T Terminal Surveillance and Terminal Weather Groups CM Plan and CCB Operating Procedures;

d) Identifying ATO-T Terminal Surveillance and Terminal Weather Groups *CCB* configuration item baseline documentation, as well as documents that comprise each of the domain's subordinate baselines;

e) Developing plans and policies for the configuration management and evolution of the Domain system architecture throughout the life cycle of the system, and ensuring alignment with the NAS Enterprise Architecture;

f) Ensuring that the specifications under the jurisdiction of the ATO-T Terminal Surveillance and Terminal Weather Groups CCB are developed in accordance with FAA-STD –005 and approved in accordance with FAA Order 1800.66 and all applicable notices and supplements;

g) Ensuring that the change proposals beyond the approval authority of the ATO-T Terminal Surveillance and Terminal Weather Groups CCB are elevated to the NAS CCB for review and approval;

h) Ensuring adherence to configuration control procedures in processing changes to the ATO-T Terminal Surveillance and Terminal Weather Groups configuration item data and baselines;

i) Ensuring proposed changes are reviewed in accordance with approved processes and procedures, including those implementing Safety Management System (SMS) change-processing requirements.

j) Coordinating interfaces between responsible organizations prior to presentation to the CCB;

k) Reviewing, adjudicating, transferring or elevating changes presented to the CCB;

l) Documenting and tracking CCB actions and decisions in accordance with the processes and procedures as defined in the CCB Operating Procedures and the CM Implementation Plan;

m) Ensuring that all test NCPs include a test plan in accordance with NAS CCB direction;

n) Monitoring test results of approved changes against expected results, prior to approving integration of the change into the appropriate baseline. Discrepancies will be resolved and documented prior to baseline modification;

o) Ensuring that the listing of ATO-T Terminal Surveillance and Terminal Weather Groups CIs in Appendix A remains current. NAS baselined CIs are contained in NAS-MD-001. This includes generation of case files to decommission NAS systems or subsystems which have been removed entirely from the NAS inventory;

p) Reporting CM performance metrics for the ATO-T Terminal Surveillance and Terminal Weather Groups CCB to the NAS CCB at the request of the NAS CCB.

3. ATO-T TERMINAL SURVEILLANCE AND TERMINAL WEATHER GROUPS CCB PARTICIPANTS

The ATO-T Terminal Surveillance and Terminal Weather Groups CCB participants are identified in Appendix B.

4. CCB ADMINISTRATION

The ATO-T Terminal Surveillance and Terminal Weather Groups CCB Executive Secretariat shall be responsible for ensuring that changes are presented at CCB meetings. The Executive Secretariat responsibilities consist of coordinating and performing the administrative tasks related to the performance of the CCB, including, but not limited to:

a. Preparing agenda and formal meeting minutes;

b. Supporting the change process and procedures including prescreening, must evaluation and resolution of comments;

c. Collecting metrics and reporting to the NAS CCB when requested;

d. Tracking and monitoring ATO-T Terminal Surveillance and Terminal Weather Groups CCB action items and Configuration Control Decision (CCD) to closure;

e. Ensuring that all proposed NAS changes include a safety assessment and that Safety Risk Management (SRM) documentation is provided to the appropriate decision makers as required;

f. Ensuring that all proposed NAS changes contain security assessment and estimated cost and funding source information.

g. Submitting any unresolved comments to the Chairperson(s) for resolution.

h. Supporting CM performance monitoring functions, under the authority of this CCB Charter and as described in the ATO-T Terminal Surveillance and Terminal Weather Groups CCB Operating Procedures.

i. Ensuring all CM information is validated and entered into the FAA nationally approved CM database.

j. Elevating issues that cannot be resolved at the ATO-T Terminal Surveillance and Terminal Weather Groups CCB to the NAS CCB for resolution.

5. CCB RECOMMENDATIONS AND DECISIONS

The ATO-T Terminal Surveillance and Terminal Weather Groups CCB shall review, adjudicate, elevate, or withdraw proposed NCPs affecting its CIs or transfer proposed NCPs to other CCBs for adjudication as required. The CCB shall reach a decision after a period of presentation, discussion, at which time the chairperson(s) may poll the members for their position or recommendation. The CCB chairperson(s) shall make all final decisions. NCPs may be deferred until the next CCB if further analysis or additional information is needed.

Decisions on NCPs shall be documented in a Configuration Control Decision (CCD) prepared by the CCB Executive Secretariat and signed by the CCB Chairperson(s). The CCD will include detailed implementation action items and the responsible organization(s). CCD actions will be documented, tracked and monitored through closure.

6. CHANGES TO THE CCB CHARTER

This Charter shall be changed only with the approval of the NAS CCB upon the recommendation of the ATO-T Terminal Surveillance and Terminal Weather Groups CCB.

7. DELEGATION OF CCB AUTHORITY

The ATO-T Terminal Surveillance and Terminal Weather Groups CCB Chairperson(s) may authorize another participant to act as a chairperson via memorandum to the CCB Executive Secretariat. CCB permanent members are responsible for ensuring they are represented at CCB meetings and may delegate specific authority by informing the CCB Chairperson(s) of the appointment. Additionally, when time critical or urgent processing of a proposed change request is necessary, or in the event of other specific circumstances, the CCB Chairperson(s) may call an emergency CCB meeting or approve changes without benefit of a CCB meeting or member review. Change requests processed outside the normal CCB process shall be documented and communicated to permanent members as soon as practicable, or no later than the next regularly scheduled meeting. Questions and concerns regarding ATO-T Terminal Surveillance and Terminal Weather Groups CCB decisions are addressed to the CCB Chairperson(s).

APPENDIX A: CONFIGURATION ITEMS

The configuration items (CIs) listed below are under the control of the ATO-T Terminal Surveillance and Terminal Weather Groups CCB. Currently, these CIs reflect the primary ATO-T Terminal Surveillance and Terminal Weather systems and products that provide the required services within the ATO-T Terminal Surveillance and Terminal Weather domain. As these CIs or components thereof are baselined and/or placed under configuration control, they will be entered into the Master Configuration Index and contained in the NAS Subsystem Baseline Configuration and Documentation Listing, NAS-MD-001

ATO-T Terminal Surveillance and Terminal Weather Groups CCB CIs:

Designator	Item Name	Current (Former) CCB
AMASS	AIRPORT MOVEMENT AREA SAFETY SYSTEM	ATO-T (ATB-400)
APG	AZIMUTH PULSE GENERATOR	ATO-T (ATB-400)
ARSR	AIR ROUTE SURVEILLANCE RADAR	ATO-T (ATB-400)
ARSR-1	AIR ROUTE SURVEILLANCE RADAR-MODEL 1	ATO-T (ATB-400)
ARSR-1D	AIR ROUTE SURVEILLANCE RADAR-MODEL 1D	ATO-T (ATB-400)
ARSR-1E	AIR ROUTE SURVEILLANCE RADAR-MODEL 1E	ATO-T (ATB-400)
ARSR-1F	AIR ROUTE SURVEILLANCE RADAR-MODEL 1F	ATO-T (ATB-400)
ARSR-2	AIR ROUTE SURVEILLANCE RADAR-MODEL 2	ATO-T (ATB-400)
ARSR-3	AIR ROUTE SURVEILLANCE RADAR-MODEL 3	ATO-T (ATB-400)
ARSR-4	AIR ROUTE SURVEILLANCE RADAR-MODEL 4	ATO-T (ATB-400)
ASDE	AIRPORT SURFACE DETECTION EQUIPMENT	ATO-T (ATB-400)
ASDE-3	AIRPORT SURFACE DETECTION EQUIPMENT-3	ATO-T (ATB-400)
ASDE-X	AIRPORT SURFACE DETECTION EQUIPMENT-MODEL X	ATO-T (ATB-400)

Designator	Item Name	Current (Former) CCB
ASR	AIRPORT SURVEILLANCE RADAR	ATO-T (ATB-400)
ASR-7	AIRPORT SURVEILLANCE RADAR-7	ATO-T (ATB-400)
ASR-7E	AIRPORT SURVEILLANCE RADAR-7E	ATO-T (ATB-400)
ASR-7F	AIRPORT SURVEILLANCE RADAR-7F	ATO-T (ATB-400)
ASR-8	AIRPORT SURVEILLANCE RADAR-8	ATO-T (ATB-400)
ASR-9	AIRPORT SURVEILLANCE RADAR-9	ATO-T (ATB-400)
ASR-11	AIRPORT SURVEILLANCE RADAR-11-ALSO KNOWN AS ASR-D	ATO-T (ATB-400)
ATCBI	AIR TRAFFIC CONTROL BEACON INTERROGATOR (BEACON ONLY)	ATO-T (ATB-400)
ATCBI-2	AIR TRAFFIC CONTROL BEACON INTERROGATOR-2	ATO-T (ATB-400)
ATCBI-4	AIR TRAFFIC CONTROL BEACON INTERROGATOR-4	ATO-T (ATB-400)
ATCBI-5	AIR TRAFFIC CONTROL BEACON INTERROGATOR-5	ATO-T (ATB-400)
ATCBI-6	AIR TRAFFIC CONTROL BEACON INTERROGATOR-6	ATO-T (ATB-400)
ATCRB	AIR TRAFFIC CONTROL RADAR BEACON (COLLOCATED WITH ASR/ARSR)	ATO-T (ATB-400)
ATCRBS	AIR TRAFFIC CONTROL RADAR BEACON SYSTEMS	ATO-T (ATB-400)
AWSS	AUTOMATED WEATHER SENSOR SYSTEM	ATO-T (ATO-D)
CD	COMMON DIGITIZER	ATO-T (ATB-400)
CD-2	COMMON DIGITIZER-2	ATO-T (ATB-400)
FGAR	FIXED GROUND ANTENNA RADOME	ATO-T (ATB-400)
FPS-20	FPS-20 SERIES RADAR	ATO-T (ATB-400)
FPS-60	FPS-60 SERIES RADAR	ATO-T (ATB-400)
ITWS	INTEGRATED TERMINAL WEATHER SYSTEM	ATO-T (ATB-200)
JAWS	JUNEAU AIRPORT WIND SYSTEM	ATO-T (ATO-D)
LLWAS	LOW LEVEL WIND SHEAR ALERT SYSTEM	ATO-T (ATB-400)
LLWAS-NE	LOW LEVEL WIND SHEAR ALERT SYSTEM NETWORK EXPANSION	ATO-T (ATB-400)
LLWAS-RS	LOW LEVEL WIND SHEAR ALERT SYSTEM RELOCATION AND SUSTAINMENT PROGRAM	ATO-T (ATB-400)

Designator	Item Name	Current (Former) CCB
MERF	MOBILE ENROUTE RADAR FACILITY (MERF) SYSTEM UNIQUE MODELS ARE LINKED BELOW THIS CI	ATO-T (ATB-400)
MODES	MODE SELECT BEACON SYSTEM (MODE S SENSOR) - SURVEILLANCE	ATO-T (ATB-400)
NEXRAD	NEXT GENERATION WEATHER RADAR - NOT FAA CONTROLLED - NATIONAL WEATHER SERVICE CI	ATO-T (ATB-400)
PRM	PRECISION RUNWAY MONITOR	ATO-T (ATB-400)
RCIU	REMOTE CONTROL INTERFACE UNIT	ATO-T (ATB-400)
RID	RUNWAY INCURSION DEVICE	ATO-T (NAS)
SAWS	STAND ALONE WEATHER SYSTEMS	ATO-T (ATO-D)
SSR/DMTI	SOLID-STATE RECEIVER AND DIGITAL MOVING-TARGET INDICATOR	ATO-T (ATB-400)
SSRBD	SOLID STATE RADAR BEACON DECODER	ATO-T (ATB-400)
TCD	TIME CODE DISPLAY	ATO-T (ATB-400)
TDWR	TERMINAL DOPPLER WEATHER RADAR	ATO-T (ATB-400)
TDX-2000D	DIGITIZER	ATO-T (ATB-400)
VMAP	VIDEO MAPPING EQUIPMENT	ATO-T (ATB-400)
WSP	WEATHER SYSTEM PROCESSOR	ATO-T (ATB-400)
ADAS	AWOS DATA ACQUISTION SYSTEM	ATO-T (ATB-400)
ASOS	AUTOMATED SURFACE OBSEVING SYSTEM	ATO-T (ATB-400)
AWOS	AUTOMATED WEATHER OBSERVING SYSTEM	ATO-T (ATB-400)
CFW	CENTER FIELD WIND	ATO-T (ATB-400)
DASI	DIGITAL ALTIMETER SETTING INDICATOR	ATO-T (ATB-400)
WME	WIND MEASURING EQUIPMENT	ATO-T (ATB-400)
ACE	ASOS CONTROLLER EQUIPMENT	ATO-T (ATB-400)
CHI	CLOUD HEIGHT INDICATOR	ATO-T (ATB-400)
RRH	REMOTE READING HYGROTHERMOMETER	ATO-T (ATB-400)
RRWDS	RADAR REMOTE WEATHER DISPLAY SYSTEM	ATO-T (ATB-400)
RWP	REAL TIME WEATHER PROCESSOR	ATO-T (ATB-400)
WFMU	WEATHER AND FIXED MAP UNIT	ATO-T (ATB-400)
WMSCR	WEATHER MESSAGE SWITCHING CENTER REPLACEMENT	ATO-T (ATB-400)

APPENDIX B: CCB MEMBERSHIP

The members of the ATO-T Terminal Surveillance and Terminal Weather Groups CCB shall be as follows:

ATO-T Terminal Surveillance and Terminal Weather Groups CCB Chairperson(s)

- Director, Terminal Program Operations or designated representative(s)

ATO-T Terminal Surveillance and Terminal Weather Groups CCB Executive Secretariat

- ATO-T Terminal Surveillance and Terminal Weather Groups CM Officer or designated representative

ATO-T Terminal Surveillance and Terminal Weather Groups CCB Permanent Members:

- Director, Terminal Safety and Operations Support or designated representative
- Director, Terminal Planning or designated representative
- Director, Western Area Terminal Operations or designated representative
- Director, Central Area Terminal Operations or designated representative
- Director, Eastern Area Terminal Operations or designated representative
- Director, Safety Management System/Safety Risk Mgmt. or designated representative
- Director, FAA Logistics Center or designated representative
- Director, Technical Operations ATC Facilities or designated representative
- Manager, Western Service Center or designated representative
- Manager, Central Service Center or designated representative
- Manager, Eastern Service Center or designated representative
- Manager, ATO-T Terminal Surveillance or designated representative
- Manager, Program Management & Integration or designated representative

- Manager, Terminal Weather or designated representative
- Manager, Technical Safety and Operations Support-NAS Engineering or designated representative
- Manager, NAS Requirements and Interface Management or designated representative
- Department of Defense (DoD) Liaison or designated representative

Ad Hoc Technical Advisors, Consultants, and Program Control Specialists will be invited as required

APPENDIX C: ACRONYM LIST

ATO .....Air Traffic Organization
ATO-T..... Air Traffic Organization – Terminal Services
CCB .....Configuration Control Board
CCD.....Configuration Control Decision
CI.....Configuration Item
CM.....Configuration Management
CMO .....Configuration Management Officer
FAA.....Federal Aviation Administration
ICD .....Interface Control Document
IRD .....Interface Requirements Document
NAS .....National Airspace System
NCP .....NAS Change Proposal
SMS.....Safety Management System
SRM.....Safety Risk Management